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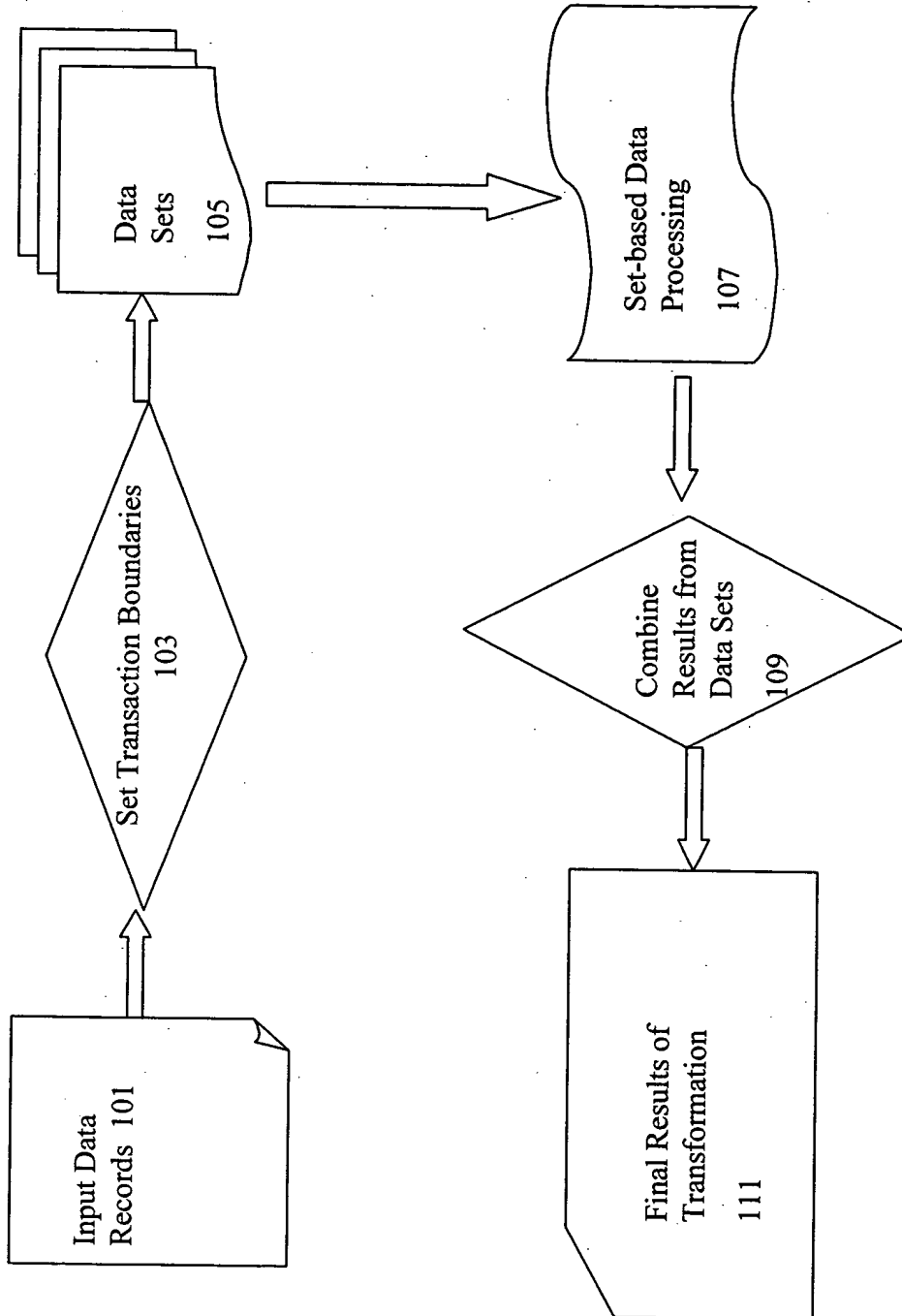


Fig. 1

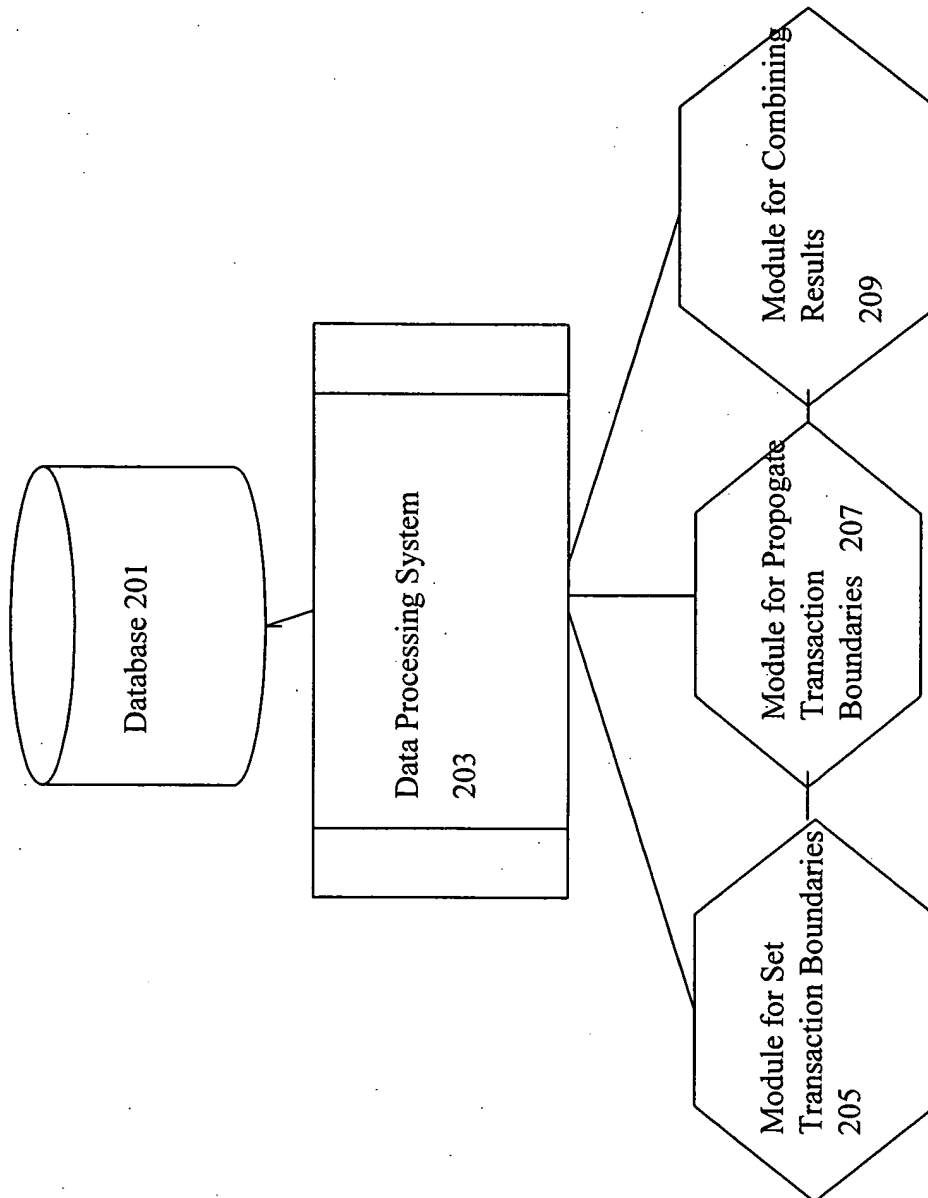


Fig. 2

Fig. 3

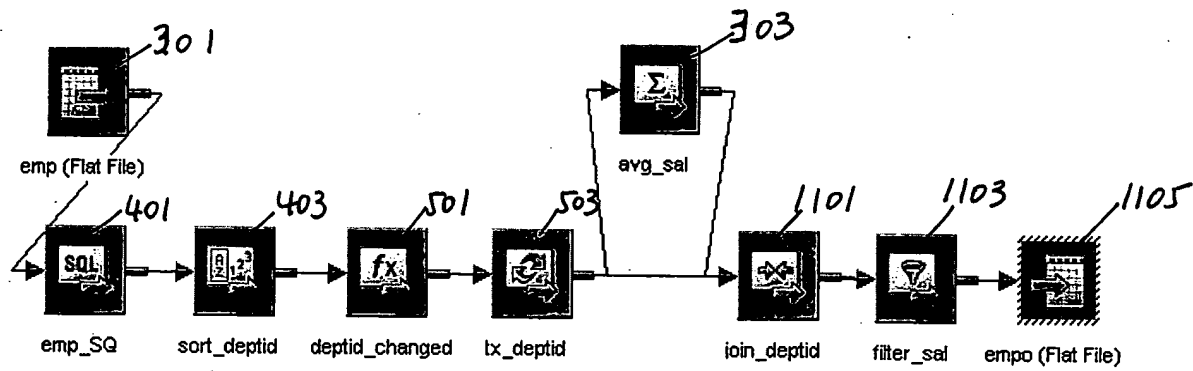


Fig. 4

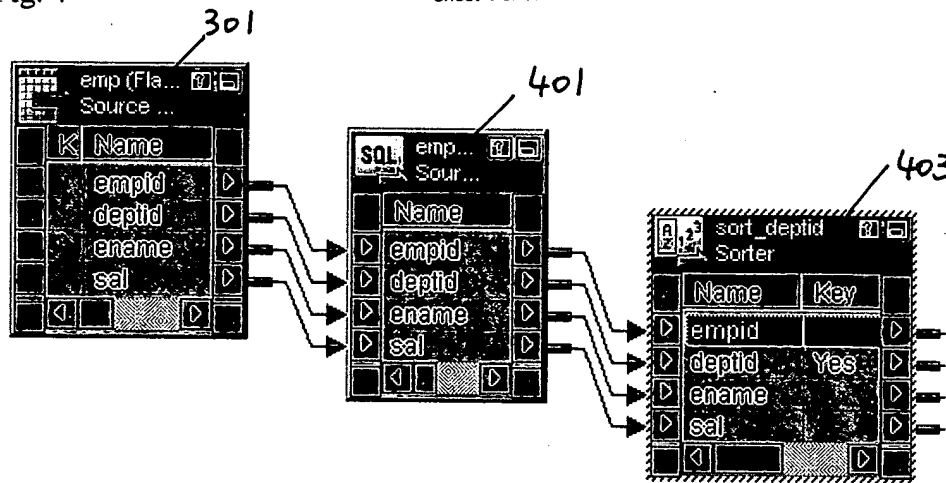


Fig. 5

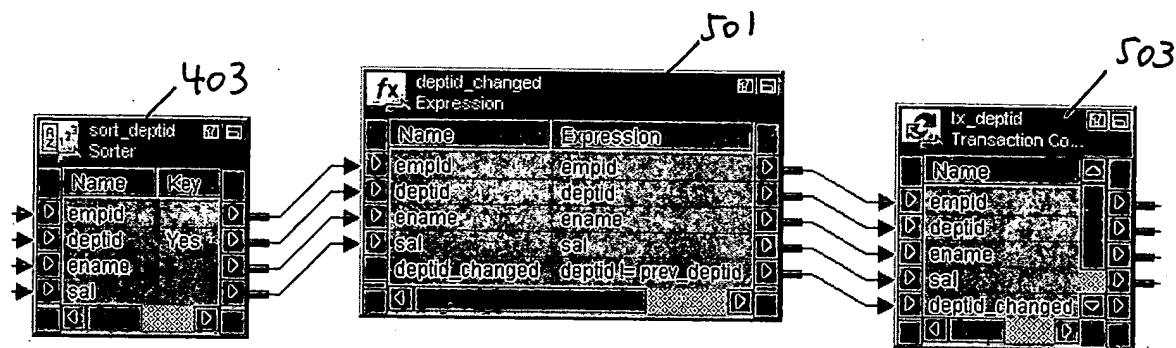


Fig. 6

**Edit Transformations**

Transformation Ports Properties Metadata Extensions

Select transformation:

Transformation type:

	Port Name	Dataty...	Prec	Scale	I	O	V	Expression
1	empid	decimal	10	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	empid
2	deptid	decimal	10	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	deptid
3	ename	string	32	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ename
4	sal	decimal	10	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	sal
5	deptid_changed	integer	10	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	deptid != prev_deptid
6	prev_deptid	decimal	10	0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	deptid

Default value:

Description:

OK Cancel Apply Help

Fig. 7

**Edit Transformations**

Transformation Ports Properties Metadata Extensions

Select transformation: tx\_depth

Transformation type: Transaction Control

Transformation Attribute	Value
Transaction Control Condition	if((depth_changed, TC_COMMIT_BEFORE, TC_CONTINUE_TRANSACTION) F!
Tracing Level	Normal

Transaction Control Condition

Transaction Control Expression

OK Cancel Apply Help



Fig. 8

**Edit Transformations**

Transformation Ports Properties Metadata Extensions

Select transformation:

Transformation type:

	Port Name	Datatype	Prec	Scale	I	O	V	Expression	Group...
1	deptid	decimal	10	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	deptid	<input checked="" type="checkbox"/>
2	sal	decimal	10	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	sal	<input type="checkbox"/>
3	avg_sal	decimal	10	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	avg(sal)	<input type="checkbox"/>

Default value:

Description:

OK Cancel Apply Help

Fig. 9

**Edit Transformations**

Transformation Ports Properties Metadata Extensions

Select transformation:  $\Sigma$  avg sal

Transformation type: Aggregator

Transformation Attribute	Value
Cache Directory	\$PMCacheDir
Tracing Level	Normal
Sorted Input	<input checked="" type="checkbox"/>
Aggregator Data Cache Size	2000000
Aggregator Index Cache Size	1000000
Transformation Scope	Transaction

**Cache Directory**  
Directory for cached aggregate values

OK Cancel Apply Help

Fig. 10

**Edit Transformations**

Transformation | Ports | Properties | Condition | Metadata Extensions

Select transformation:

Transformation type:

Transformation Attribute	Value
Case Sensitive String Comparison	<input checked="" type="checkbox"/>
Cache Directory	\$PMCCacheDir
Join Condition	deptid = deptid1
Join Type	Normal Join
Null ordering in master	Null Is Highest Value
Null ordering in detail	Null Is Highest Value
Tracing Level	Normal
Joiner Data Cache Size	2000000
Joiner Index Cache Size	1000000
Sorted Input	<input checked="" type="checkbox"/>
Transformation Scope	Transaction

**Case Sensitive String Comparison**

Case sensitive string comparison

OK Cancel Apply Help

Fig. 11

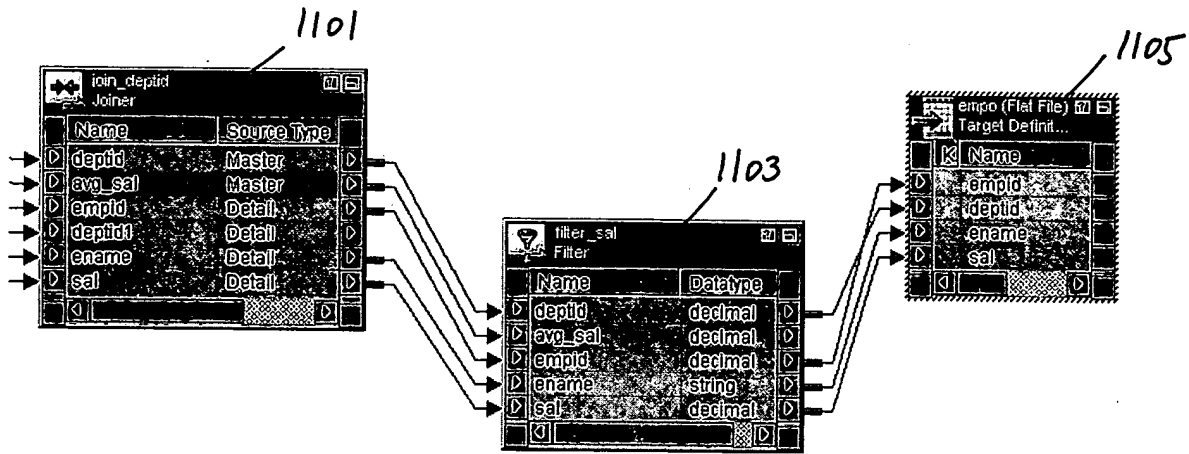


Fig. 12

**Edit Transformations**

Transformation Ports Properties Metadata Extensions

Select transformation: filter\_sal

Transformation type: Filter

Transformation Attribute	Value
Filter Condition	sal > avg_sal
Tracing Level	Normal

**Filter Condition**

Filter applied to records

OK Cancel Apply Help

Fig. 13

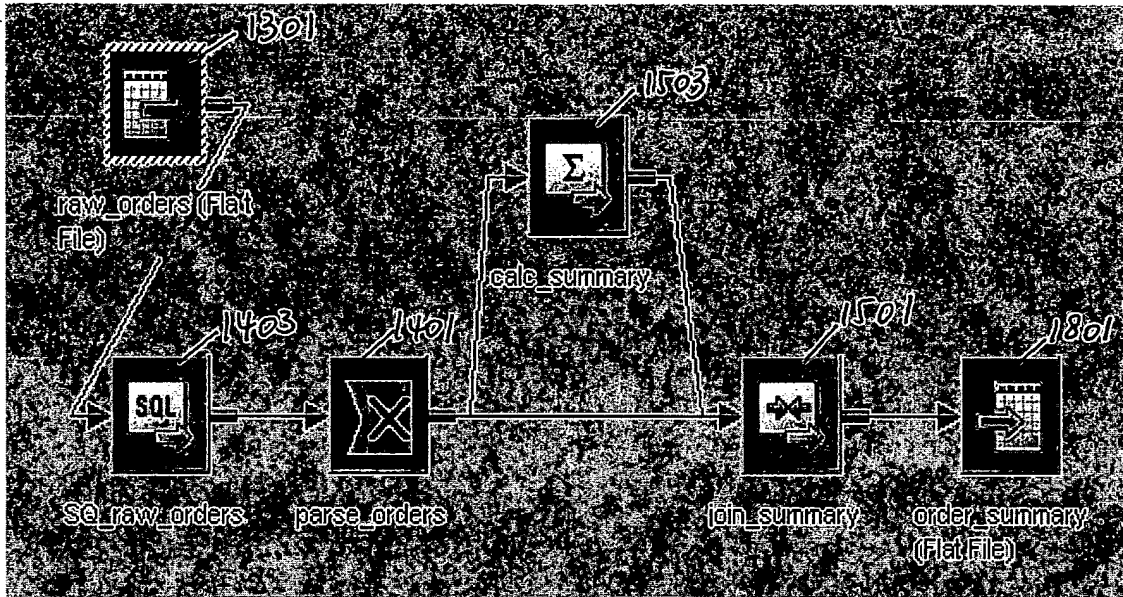


Fig. 14

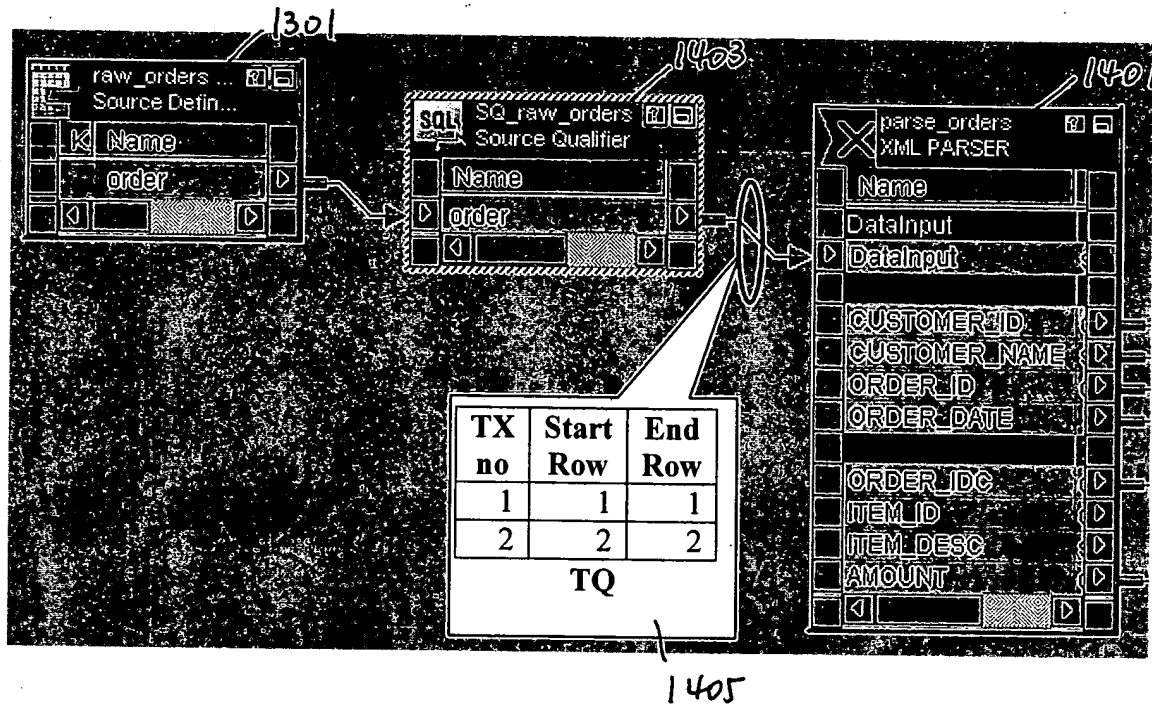


Fig. 15

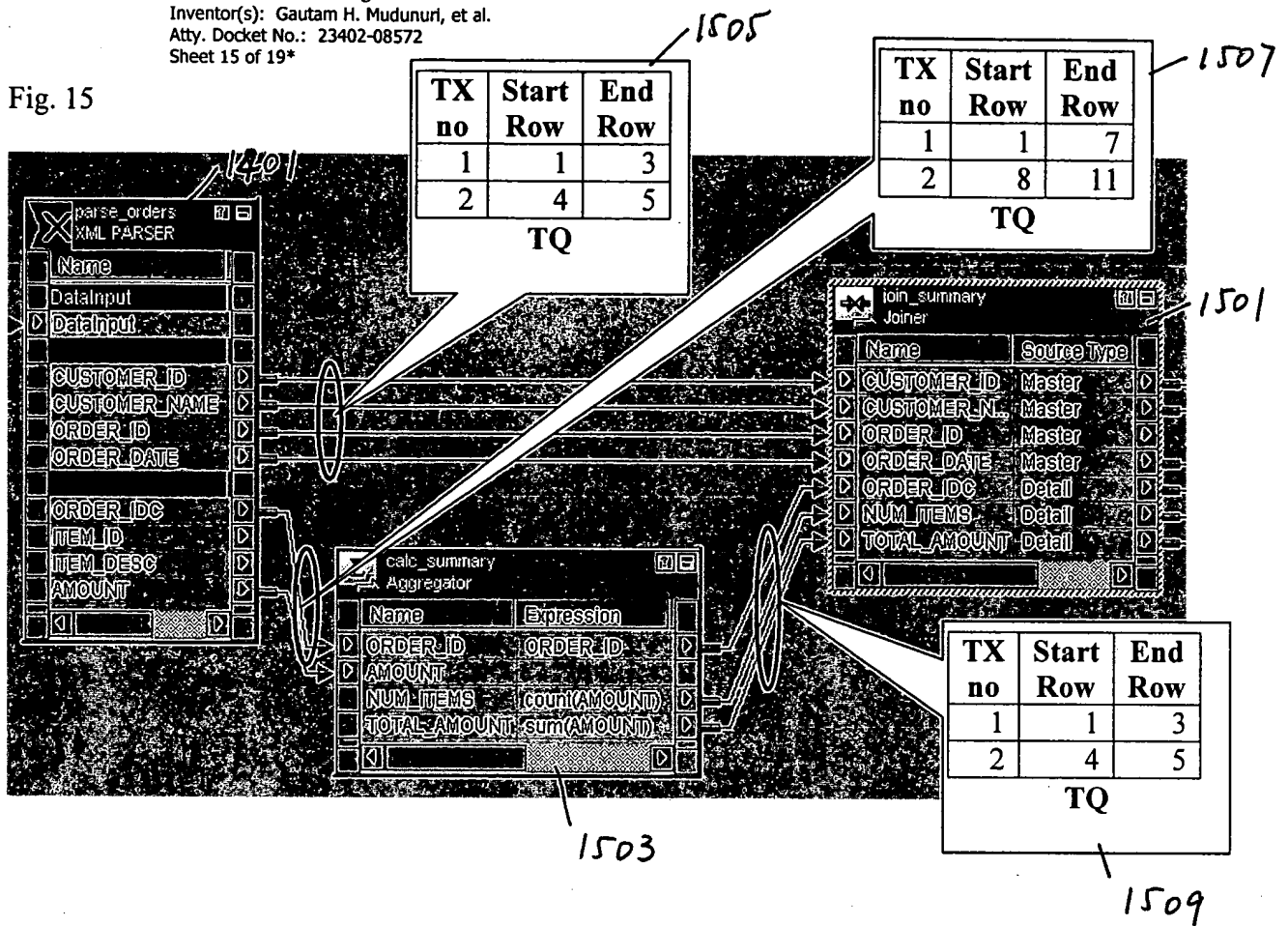




Fig. 16

**Edit Transformations**

Transformation | Ports | **Properties** | Initialization Properties | Metadata Extensions | Port Attribute Defini

Select transformation: **parse orders**

Transformation type: **XML PARSER**

Transformation Attribute	Value
Module Identifier	pmxmlrdr
Function Identifier	PMXMLMGEPReadr
Runtime Location	\$PMExtProcDir
Tracing Level	Normal
Is Partitionable	<input checked="" type="checkbox"/>
Inputs Must Block	<input type="checkbox"/>
Is Active	<input checked="" type="checkbox"/>
Update Strategy Transformation	<input type="checkbox"/>
Transformation Scope	Row
Generate Transaction	<input type="checkbox"/>

**Module Identifier**  
The name of the DLL or shared library containing the procedure.

OK Cancel Apply Help

Fig. 17

**Edit Transformations**

Transformation Ports Properties Metadata Extensions

Select transformation:  $\Sigma$  calc\_summary

Transformation type: Aggregator

Transformation Attribute	Value
Cache Directory	\$PMCacheDir
Tracing Level	Verbose Data
Sorted Input	<input type="checkbox"/>
Aggregator Data Cache Size	2000000
Aggregator Index Cache Size	1000000
Transformation Scope	Transaction

**Cache Directory**  
Directory for cached aggregate values

OK Cancel Apply Help

Fig. 18

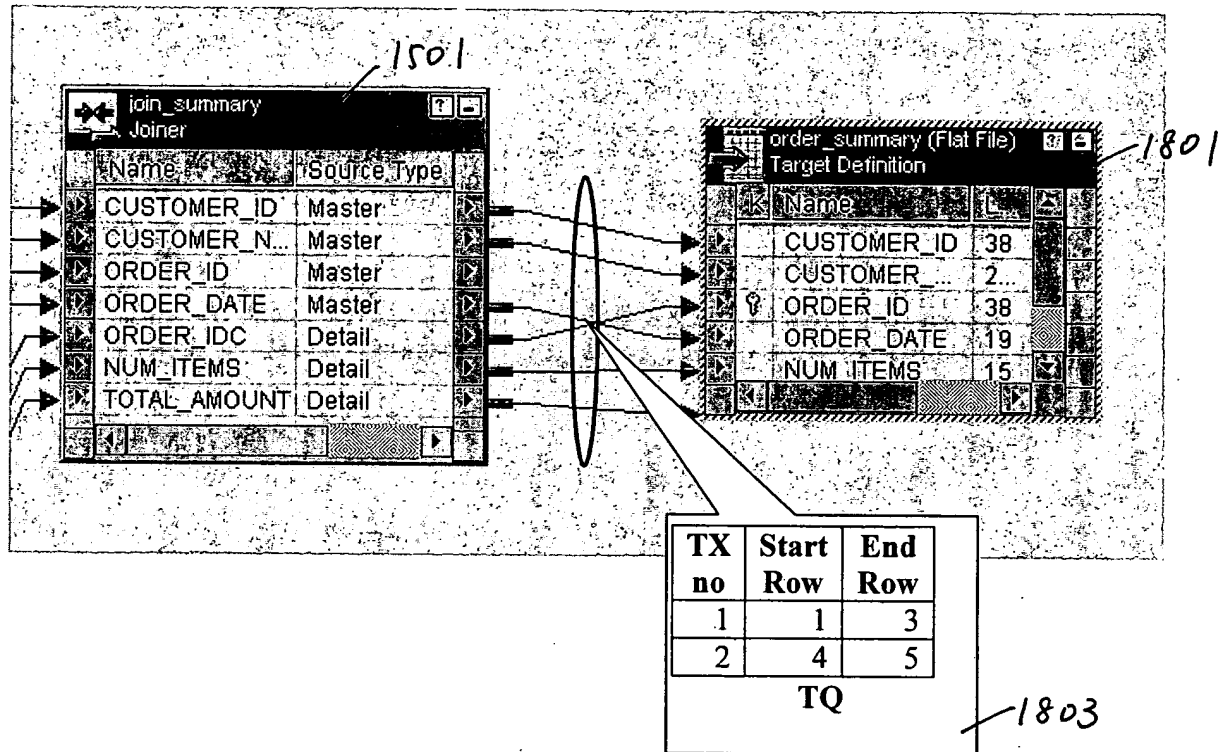


Fig. 19

**Edit Transformations**

Transformation Ports Properties Condition Metadata Extensions

Select transformation: ☒ join\_summary

Transformation type: Joiner

Transformation Attribute	Value
Case Sensitive String Comparison	<input checked="" type="checkbox"/>
Cache Directory	\$PMCacheDir
Join Condition	ORDER_ID = ORDER_IDC
Join Type	Normal Join
Null ordering in master	Null Is Highest Value
Null ordering in detail	Null Is Highest Value
Tracing Level	Normal
Joiner Data Cache Size	2000000
Joiner Index Cache Size	1000000
Sorted Input	<input checked="" type="checkbox"/>
Transformation Scope	Transaction

Case Sensitive String Comparison

Case sensitive string comparison

OK Cancel Apply Help